

|  |                         |            |
|--|-------------------------|------------|
| FORM PTO-1449<br>U. S DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.        | SERIAL NO. |
|  | U 015005-9              | 10/764,885 |
|  | APPLICANT               |            |
|  | KASUSHIGE UMETSU, et al |            |
|  | FILING DATE             | GROUP      |
|  | 01/26/2004              | 1725       |

| REFERENCE DESIGNATION |    |                    | U.S. PATENT DOCUMENTS |                     |                               |
|-----------------------|----|--------------------|-----------------------|---------------------|-------------------------------|
| EXAMINER<br>INITIAL   |    | DOCUMENT<br>NUMBER | DATE                  | NAME                | FILING DATE IF<br>APPROPRIATE |
| AM                    | AA | 2001/0035401       | 11-2001               | MANOR, RAN          |                               |
|                       | AB | 6,311,583          | 11-2001               | IZUMISAWA, OSAMU    |                               |
|                       | AC | 5,851,862          | 12-1998               | OHTANI, ET AL       |                               |
|                       | AD | 4,476,375          | 10/1984               | OGAWA, TSUTOMU      |                               |
|                       | AE | 6,562,698          | 05/2003               | MANOR, RAN          |                               |
| AM                    | AF | 5,175,504          | 12/1992               | HENLEY, FRANCOIS J. |                               |
|                       | AG |                    |                       |                     |                               |
|                       | AH |                    |                       |                     |                               |
|                       | AI |                    |                       |                     |                               |
|                       | AJ |                    |                       |                     |                               |
|                       | AK |                    |                       |                     |                               |
|                       |    |                    |                       |                     |                               |
|                       |    |                    |                       |                     |                               |

| FOREIGN PATENT DOCUMENTS |    |                    |        |         |             |    |
|--------------------------|----|--------------------|--------|---------|-------------|----|
|                          |    | DOCUMENT<br>NUMBER | DATE   | COUNTRY | TRANSLATION |    |
|                          |    |                    |        |         | YES         | NO |
| AM                       | AL | 01230020           | 9/1989 | JAPAN   |             |    |
|                          | AM |                    |        |         |             |    |
|                          | AN |                    |        |         |             |    |
|                          | AO |                    |        |         |             |    |
|                          | AP |                    |        |         |             |    |

| OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.) |    |  |
|--|----|--|
| AM   | AR | PATENT ABSTRACT OF JAPAN OF JP 01230020 DATED SEPTEMBER 13, 1989 |
|  | AS |  |
|  | AT |  |

|          |                    |                 |            |
|----------|--------------------|-----------------|------------|
| EXAMINER | <i>[Signature]</i> | DATE CONSIDERED | 10/08/2006 |
|----------|--------------------|-----------------|------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.